

CLAIMS:

1. A razor blade (4) having an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8) in a bending zone (9) spaced from said cutting edge (7), characterized in that at least the edge portion (6) has a material structure hardened by a first heat treatment and in that the bending zone (9) has a locally re-heated structure.
2. A razor blade (4) as claimed in claim 1, characterized in that the bending zone (9) is less than 1 mm away from the cutting edge (7).
3. A razor blade (4) as claimed in claim 1, characterized in that the razor blade has a blade material thickness (d), the bending zone (9) having a larger thickness than the blade material thickness (d).
4. A razor unit (1) comprising at least two razor blades (4) mounted parallel to each other in a razor head (3), wherein each razor blade (4) has an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8) in a bending zone (9) spaced from said cutting edge (7), and wherein a spacing is present between the further portions (8) of at least two of said razor blades (4), characterized in that each razor blade (4) is a razor blade (4) as claimed in claim 1, 2, or 3, wherein the edge portion (6) of at least one of said at least two razor blades (4) is bent towards at least one neighboring one of said at least two razor blades (4) and projects towards said at least one neighboring one of said at least two razor blades (4) over a distance perpendicular to the further blade portion (8) of said razor blade (4) which is smaller than the spacing between the further portions (8) of these at least two of said razor blades (4).
5. A razor unit (1) comprising at least two razor blades (4) mounted parallel to each other in a razor head (3), each razor blade (4) having an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8) in a bending zone (9) spaced from said cutting edge (7), wherein a spacing is

present between the cutting edges (7) of at least two of said razor blades (4), characterized in that each razor blade (4) is a razor blade (4) as claimed in claim 1, 2, or 3, the spacing between successive cutting edges (7) being less than 1.2 mm.

5 6. A razor unit (1) comprising at least four razor blades (4) mounted parallel to each other in a razor head (3), each razor blade (4) having an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8) in a bending zone (9) spaced from said cutting edge (7), wherein a spacing is present between the cutting edges (7), characterized in that each razor blade (4) is a razor
10 blade (4) as claimed in claim 1, 2, or 3.

7. A method of manufacturing a razor blade (4) from a blank (19), according to which method the razor blade (4) is provided with an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8)
15 including bending the blank (19), characterized in that the blank (19) is hardened by a heat treatment and, subsequently after hardening of the blank (19), a portion of the blank (19) is locally reheated in order to bend the edge portion (6) of the blank (19) relative to the further portion (8) of the blank (19).

20 8. A method as claimed in claim 7, characterized in that the local heating of the blank (19) is carried out by locally irradiating the blank (19) with a laser beam.

9. A method as claimed in claim 7, characterized in that the cutting edge (7) is ground after hardening and before bending.
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10. A device for manufacturing razor blades (4) from blanks (19), the razor blades (4) each having an edge portion (6) with a cutting edge (7) and a further portion (8), the edge portion (6) being bent relative to the further portion (8), said device comprising a hardening station (14) including a heat treatment structure for hardening the blanks (19),
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a bending station (16) for bending the blanks (19), the bending station (16) including a reheating structure (17) for locally heating portions of the blanks (19) to be bent, and

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a transport path (18) for transporting the blanks (19) hardened in the hardening station (14) from the hardening station (14) to the bending station (16).

11. A device as claimed in claim 10, characterized in that the heat treatment
5 structure for locally heating the blanks (19) includes a laser (17) arranged for irradiating the portions of the blanks (19) to be bent.

12. A device as claimed in claim 10, characterized in that the device further
includes a grinding station (15) for grinding the cutting edges (7), which is located along the
10 transport path (18) between the hardening station (14) and the bending station (16).